



Tee

AMENDMENT TRANSMITTAL LETTER				Docket No. 2815-0236P	
Application No. 10/661,629-Conf. #009386		Filing Date September 15, 2003		Examiner S. L. Turner	
Art Unit 1649					
Applicant(s): Thomas J. JENTSCH					
Invention: Novel potassium channels and genes encoding these potassium channels					
<b>MS Amendment</b> Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450					
Transmitted herewith is an amendment in the above-identified application.					
The fee has been calculated and is transmitted as shown below.					
<b>CLAIMS AS AMENDED</b>					
	Claims Remaining After Amendment	Highest Number Previously Paid	Number Extra Claims Present	Rate	
Total Claims	1	- 20 =	0	x 50.00	0.00
Independent Claims	1	- 3 =	0	x 200.00	0.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					
Other fee (please specify):					
<b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT:</b>					0.00
<input checked="" type="checkbox"/> Large Entity <input type="checkbox"/> Small Entity					
<input checked="" type="checkbox"/> No additional fee is required for this amendment.					
<input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of \$ _____. A duplicate copy of this sheet is enclosed.					
<input type="checkbox"/> A check in the amount of \$ _____ is enclosed.					
<input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.					
<input checked="" type="checkbox"/> The Director is hereby authorized to charge and credit Deposit Account No. <u>02-2448</u> as described below. A duplicate copy of this sheet is enclosed.					
<input checked="" type="checkbox"/> Credit any overpayment.					
<input checked="" type="checkbox"/> Charge any additional filing or application processing fees required under 37 CFR 1.16 and 1.17.					
 Gerald M. Murphy, Jr. Attorney Reg. No. 28,977				Dated: _____	
BIRCH, STEWART, KOLASCH & BIRCH, LLP 8110 Gatehouse Road Suite 100 East P.O. Box 747 Falls Church, Virginia 22040-0747 (703) 205-8000					



Docket No.: 2815-0236P  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

---

In re Patent Application of:  
Thomas J. JENTSCH

Application No.: 10/661,629

Confirmation No.: 9386

Filed: September 15, 2003

Art Unit: 1649

For: Potassium Channel KCNQ5 and Sequences  
Encoding the Same (as amended)

---

Examiner: K. A. Ballard

**AMENDMENT IN RESPONSE TO NON-FINAL OFFICE ACTION**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**INTRODUCTORY COMMENTS**

In response to the Office Action dated September 28, 2006 and Office Communication of February 20, 2007, please amend the above-identified U.S. patent application as follows.

This reply includes amendments to the title, amendments to the specification, amendments to the claims and remarks.

Application No. 10/661,629  
Amendment dated December 28, 2006  
Reply to Office Action of September 28, 2006

Docket No.: 2815-0236P



IN THE TITLE

Please amend the title of the present application to recite the following:

~~Novel Potassium Channels and Genes Encoding These Potassium Channels~~ Potassium  
Channel KCNQ5 and Sequences Encoding the Same